

| **TEST\_PLAN**  Project Name : Flipkart Application |
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| **Prepared By**: Ashish Dadhich  **Start Date:** November,13 2024  **End Date:** November 13, 2024 |
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| Table Of Content |
| --- |

● Introduction

● Objectives

● Scope

● Testable Features

● Testing Approach

● Roles/Responsibilities

● Test Schedule

● Test Deliverables

● Entry & Exit Criteria

● Tools

● Risks and Mitigation Plans

● Approvals

| Introduction |
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Flipkart is one of India's leading e-commerce platforms, offering a diverse range of products including electronics, fashion, home essentials, and more. Known for its innovative features and reliable service, it has transformed the online shopping experience for millions of customers.

| **Objectives** |
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● Ensure all navbar links redirect to the correct pages and dropdown menus work as expected.

● Verify the functionality of Search, Add to Cart, Checkout, Login, Sign-Up, Profile, and Footer links.

● Ensure the website works seamlessly across various browsers (Chrome, Firefox, Safari, Edge) and devices (desktop, tablet, mobile).

| Scope |
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● The test plan covers functional, UI/UX, Performance, Compatibility, and Usability testing

● Ensures compatibility across major browsers like Edge, Chrome, and Brave, and devices including desktop and mobile.

● Focuses on manual testing of key functionalities to ensure a consistent and seamless user experience.

| Testable Features |
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●Navbar: Links to various categories such as "Grocery," "Mobiles," "Fashion," "Electronics," "Home & Furniture," "Appliances," "Flight Bookings," "Beauty, Toys & More," and "Two Wheelers."

●Search Bar: A central search functionality that allows users to search for products across all categories.

●Profile Section: Options for login/signup, account management,

●Add to Cart : feature for adding or removing items from the cart.

● Checkout Process: completing a purchase, including accessing the payment gateway.

● Home Page: Contains images, text, and buttons for easy navigation and product discovery.

● Product Liked Feature: : Allows users to mark products as favorites.

● Footer Links: Testing links like "Contact Us," "Privacy Policy," etc.

● Homepage Images: Ensures images display correctly and are responsive across devices

| Testing Approach |
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Testing Types:

● Functional Testing: Verifies that each feature, such as adding items to the cart and logging in, works as expected.

● UI/UX Testing: Ensures the website is visually appealing, intuitive, and provides a seamless user experience.

● Compatibility Testing: Tests the website on different browsers like Chrome and Firefox and across various devices, including desktop, tablet, and mobile.

Flipkart Testing Methodologies:

● Exploratory Testing: Conducts unscripted testing to find bugs and usability issues.

● Regression Testing: Ensures that updates or changes do not affect existing functionality.

● User Acceptance Testing (UAT): Validates that the website meets user expectations and business requirements.

● Black Box Testing: Focuses on testing the website’s functionality without looking into the code or internal structure.

| **Roles/Responsibilities** |
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Test Manager: Oversee the test process and manage resources.

Test Lead: Define strategies, assign tasks, and review test results.

Test Engineer: Write test cases, execute tests, report defects.

| Test Schedule |
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| **Task** | **Duration** |
| --- | --- |
| **Test Plan Creation & Mind Map** | **13 November 2024** |
| **Test Scenario** | **14 November 2024** |
| **Test Cases & Execution** | **14 November - 16 November** |
| **Bug Reporting** | **15 November - 16 November2024** |
| **Test Summary / Presentation Report Submission** | **18 November 2024** |

| Test Deliverables |
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| **Deliverable** | **Description** |
| --- | --- |
| **RTM** | **Detailed Requirement strategy and Feature.** |
| **Mind Map & Test Plan** | **Detailed testing strategy and scope** |
| **Test Cases** | **Detailed cases for functional/UI testing** |
| **Defect Reports** | **Identified bugs during testing** |
| **Test Summary** | **Detail summarise what you have done in whole Testing** |

| Entry & Exit Criteria |
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Entry Criteria:

● Access to the demo website with all features enabled.

● Test cases reviewed and ready for execution.

Exit Criteria:

● All critical bugs are fixed, and all key functionalities meet expectations

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| Tools |
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**● BrowserStack**: For cross-browser and device testing**.**

**● Google Sheets:** For managing test cases and defect reports.

| Risks and Mitigation Plans |
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| **Deliverable** | **Description** |
| --- | --- |
| Unstablewebsite | Plan testing during stable hours**.** |
| Undefined requirements | Clarify requirements before  testing |

| Approvals |
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Masai will send different types of documents for Client Approval like below:

● RTM

● Test Plan

● Test Scenarios

● Reports

Testing will only continue to the next steps once these approvals are done.